



*Venice of America*

CITY OF

# FORT LAUDERDALE

**AVIATION ADVISORY BOARD**  
**Fort Lauderdale Executive Airport**  
**Administrative Office - Multipurpose Room**  
**6000 NW 21 Avenue**  
**Fort Lauderdale, FL**  
**Thursday, October 25, 2007, 1:30 p.m.**

Board Members	Attendance	Cumulative Attendance 7/07 to 6/07	
		Present	Absent
Bunney Brenneman, Chair	P	3	0
Lee Alexander	P	2	0
Lloyd Evanson	A	1	2
Richard McDonald	P	3	0
John McKaye	P	3	0
Joseph Scerbo	P	2	1
Deborah VanValkenburgh	P	2	1
Sharon Woods	A	2	1

## Airport/City Staff

Clara Bennett, Airport Manager  
 Mark Cervasio, Assistant Airport Manager  
 Alex Erskine, Assistant Airport Manager  
 Fernando Blanco, Airport Engineer  
 Vicki Minard, Assistant City Attorney  
 Florence Deardorff, Noise Abatement Officer  
 Rufus James, Operations Supervisor  
 Leslie Carhart, Administrative Assistant II  
 Sharon Dreesen, Administrative Aide  
 Stephanie Horchreder, Airport Programs Aide  
 Jason Robinson, Operations Aide  
 Matthew Bocchino, Operations Aide  
 Jonathan Gerke, Operations Aide  
 Jamie Oppertlee, Recording Secretary

## Visitors

Dave Bardt, Kimley Horn & Associates  
 Irving Villabon, J.M. Enterprises  
 Clarence Jackson, Congressman Alcee Hastings' staff  
 Joan Kuntz, Sheltair  
 Michael Moore, RS&H  
 Don Campion, Banyan Air Services  
 Justin Proffitt, City of Oakland Park

**FORT LAUDERDALE EXECUTIVE AIRPORT**  
 6000 N.W. 21ST AVENUE, SUITE 200, FORT LAUDERDALE, FLORIDA 33309  
 TELEPHONE (954) 828-4966, FAX (954) 938-4974  
[www.fortlauderdale.gov](http://www.fortlauderdale.gov)



### **Call to Order**

The meeting was called to order at 1:30 p.m. by Chair Brenneman and roll was taken. Board members introduced themselves in turn.

Chair Brenneman announced that Mr. Aston had resigned from the Board, citing transportation difficulties.

### **1. Approve Minutes of September 2007 Meeting**

**Motion** made by Mr. Scerbo, seconded by Ms. VanValkenburgh, to approve the minutes of the Board's September 2007 meeting. In a voice vote, the motion passed unanimously.

### **2. Rehabilitate Taxiway Bravo - Project 11134 - Joint Participation Agreement with the Florida Department of Transportation**

Mr. Cervasio reminded the Board that at their September 28, 2006 meeting, they had unanimously endorsed staff's recommendation to approve Task Order No. 24 with Kimley-Horn and Associates, Inc. (KHA) to develop an Airport Pavement Management System (APMS) and to prioritize future pavement rehabilitation projects.

Mr. Cervasio explained that an APMS was required by the Federal Aviation Administration (FAA) to justify funding of any airport pavement replacement or reconstruction projects. He stated the tasks involved in producing an APMS included reviewing record construction drawings and other existing information, and visual inspections to determine pavement condition. These results were used to develop a Pavement Condition Index (PCI), which described the condition of a pavement section at a point in time. Mr. Cervasio informed the Board that a PCI rating of 70 or higher was considered acceptable, while a rating of below 70 would require rehabilitation. A PCI of 55 or below indicated pavement was in definite need of rehabilitation.

Mr. Cervasio reported that KHA had now completed the draft APMS report, which determined a PCI of 17 for most of the pavement on Taxiway Bravo and indicating that the taxiway was due for rehabilitation.

Mr. Cervasio informed the Board that the Florida Department of Transportation (FDOT) had initiated a Joint Participation Agreement (JPA) in the amount of \$400,000 to provide up to 50% of the funding to help rehabilitate Taxiway Bravo. The remainder of the project costs would be funded from the Airports approved Capital Improvement Plan.

**Staff Recommendation:**

The staff recommends the JPA be approved for the City to accept \$400,000 from the FDOT for up to 50% of the project cost for the rehabilitation of Taxiway Bravo.

Mr. Dave Bardt, Kimley-Horn and Associates, explained that the types of pavement stress varied, and a low PCI could indicate structural failure, but could also indicate simply aging pavement. He stated they were not concerned about imminent structural failure. Dr. Alexander remarked that even though Taxiway Bravo had a low PCI number, it seemed structurally fine when one actually taxied on it.

**Motion** made by Dr. Alexander, seconded by Mr. McDonald, to approve the staff recommendation. In a voice vote, the motion passed unanimously.

**3. Downtown Helistop Repairs - Project 10842 - Change Order No. 3 – MBR Construction, Inc.**

Mr. Erskine gave a Power Point presentation explaining the water intrusion/rust problems at the Helistop, [a copy of which is attached to the minutes for the public record.]

Mr. Erskine said when the water intrusion was discovered, staff instructed Kimley-Horn to investigate and design a repair. The current contractor, MBR, Construction Inc. (MBR) had provided a proposal to remediate the situation. Mr. Erskine explained that the change order to the contract with MBR provided for removal of damaged fireproofing material, sandblasting and painting of structural work, structural work to columns, beams, and bolts, installation of a new metal soffit framing and painting. The cost for the above work was approximately \$17,125.80.

Mr. Erskine informed the Board that funds for this change order were available within project P10555-Helistop Infrastructure Recapitalization.

**Staff Recommendation:**

Staff recommends approval of the proposed Change Order No. 3 with MBR Construction, Inc. in the amount of \$17,125.80.

Mr. Bardt explained that the existing fireproofing material had held water, causing the steel to rust. The contractor would strip the old fireproofing, repaint the bare steel, and then re-apply fireproofing.

**Motion** made by Mr. Scerbo, seconded by Ms. VanValkenburgh, to approve the staff recommendation. In a voice vote, the motion passed unanimously.

**4. Security Improvements Design - Project 10965 - Task Order No. 34 - Kimley-Horn and Associates, Inc.**

Mr. Erskine gave a Power Point presentation regarding Airport Security, [a copy of which is attached to the minutes for the public record.]

Mr. Erskine explained that staff had initiated a Task Order with Kimley-Horn and Associates to review and update a Safety, Security, and Access Study that was done in December 2001. This update was completed in April of 2007. Mr. Erskine said the report resulted in a number of security suggestions ranging from perimeter hardening and intrusion detection, to personnel identification, training, and threat communication. The total Capital cost of the improvements that KHA had identified in the study exceeded \$4,000,000.

Mr. Erskine announced that based upon the updated report from KHA, meetings conducted with the Fort Lauderdale Police Department, various law enforcement agencies, and airport tenants, staff had developed a task order with KHA to design the following selected elements:

- Increase gate operator security
- Install alarm devices for all manual gates
- Install new pedestrian gates with alarm capability
- Have all gate alarms sent to wireless devices
- Install cameras at strategic locations
- Record all cameras with approximately 10 days of storage
- Integrate video with access software
- Integrate airport personnel ID system
- Replace the cameras and digital video recorder at the Helistop

Mr. Erskine reported staff had negotiated Task Order No. 34 and the associated fees with KHA to provide design services in the amount of \$113,995. Airport staff and the Consultant Selection and Negotiation Committee had reviewed the task order and fees. He informed the Board that funds for this Task Order were available from the Airport's approved CIP and \$1,098,000 in grant funding from FDOT.

Mr. Erskine added that they were considering offering interactive security training for the tenants as well.

**Staff Recommendation:**

Staff recommends approval of the proposed Task Order No. 34 with Kimley-Horn and Associates, Inc. for Security Improvements Design.

Mr. Scerbo had reviewed the task order, and reported it was very complete and well prepared. Mr. Erskine informed Mr. Scerbo he anticipated the bidding to take place in spring 2008.

Mr. McDonald asked if they had considered some type of motion-detection equipment to detect a security breach. Mr. Erskine said Kimley-Horn had considered this, but law enforcement had questioned the value of such a system.

**Motion** made by Mr. Scerbo, seconded by Ms. VanValkenburgh, to approve the staff recommendation. In a voice vote, the motion passed unanimously.

## **UPDATE ITEMS**

### **A. Noise Compatibility Program**

#### Annual Open House and Achievements in Community Excellence (ACE) Awards with Special Recognitions

Ms. Horschreder announced that this year's annual Open House and ACE Awards events would be held on Thursday, December 6<sup>th</sup>, 2007 from 4:00 p.m. to 7:00 p.m. and invited Board members to attend.

#### Noise Abatement Workshop for Jet Pilot

Ms. Horschreder informed the Board that the Noise Abatement Office would hold a Noise Abatement Workshop for jet pilots on Friday, November 16, 2007. This would provide an opportunity for the jet pilots to meet and discuss specific aircraft performance procedures to help reduce noise. She said invitations would be mailed to jet pilots and operators, and fliers would be provided to the FBOs and businesses to invite jet pilots to the workshop. Ms. Horschreder hoped for a good turnout, as they tended to see an increase in both activity and hotline calls in the winter months.

#### Florida Airport Council (FAC) Noise Abatement and Community Affairs Committee Quarterly Meeting

Ms. Horschreder announced that staff would be attending the FAC Noise Abatement and Community Affairs committee meeting on November 1, 2007 in Boca Raton, Florida. The meetings would educate them regarding Very Light Jets (VLJ) and how they would impact communities.

#### Nighttime and I-95 Turn

For September 2007, there were no noise events over 80 dB at night between 11:00 p.m. and 7:00 a.m. (during the hours of the I-95 Turn for all jets, except

emergency flights). At night (10:00 p.m. and 7:00 a.m.), thirty-five (35) jets flew the I-95 Turn and two (2) of those jets were stage-two aircraft.

#### Noise Abatement Program Statistics

The noise program statistics for the September 2007 were included in the Board's packet.

### **B. Development and Construction**

#### Airport Projects in Development

##### **Experimental Aircraft Association (EAA) B-17 Bomber Arrival**

Mr. James reported that Banyan Air Service would host EAA's B-17 Bomber "Aluminum Overcast", which would arrive on Thursday, November 1<sup>st</sup>, 2007 and depart on Monday, November 5, 2007. He informed the Board that from Friday, November 2<sup>nd</sup> through Sunday, November 4<sup>th</sup> fare-paying passengers would have an opportunity to ride aboard the B-17. Mr. James advised anyone interested in booking a flight to visit the EAA's website at: [www.b17.org](http://www.b17.org).

##### **National Business Aircraft Association (NBAA)**

Mr. James announced that Airport staff had recently participated in the NBAA's 60<sup>th</sup> Annual Meeting and Convention, in Atlanta, Georgia. Mr. James said this was considered the world's largest business aviation trade show, and it provided an opportunity for business aircraft operators, vendors, industry regulators and airports to compare services and to network with each other. Mr. James stated staff had invited all of the Airport FBOs into FXE's booth to promote their businesses and the services they offer.

Ms. VanValkenburgh asked about Helistop operations, and Mr. James stated they did not record whether the Helistop was used for commercial or private operation, but they did record the operation and type of aircraft.

### **C. Arrearages**

There were no arrearages to report.

### **D. Airport Funding Presentation**

[This item was taken out of order]

Ms. Carhart gave a Power Point presentation describing Airport Funding [a copy of which is attached to the minutes for the public record.]

Dr. Alexander asked how the Airport protected its surplus funds. Ms. Bennett said the City had been very responsible and not placed their funding eligibility in

jeopardy with the FAA. Ms. Bennett informed Mr. Scerbo that Broward County had no involvement with FXE. She noted that no municipality provided the airport with funding. Funding is provided by land leases, fuel flowage fees and state and federal aviation subsidies.

#### **E. FLL Update**

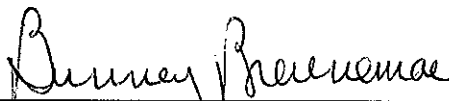
Ms. Deardorff announced that the Airport Noise Abatement Committee meeting would be held on December 10<sup>th</sup>.

#### **Other items**

Mr. McDonald asked how helicopter pilots responded to the request to limit repetitive flight training activity. Ms. Deardorff said that the helicopters were responsive to help minimize noise over residential areas. Ms. Deardorff said the FAA had approved restrictions on repetitive practice approaches and touch and goes as a voluntary measure on nights, weekends, and holidays. She explained that staff stressed this request during nighttime hours.

There being no further business before the Board, the meeting adjourned at 2:52 p.m.

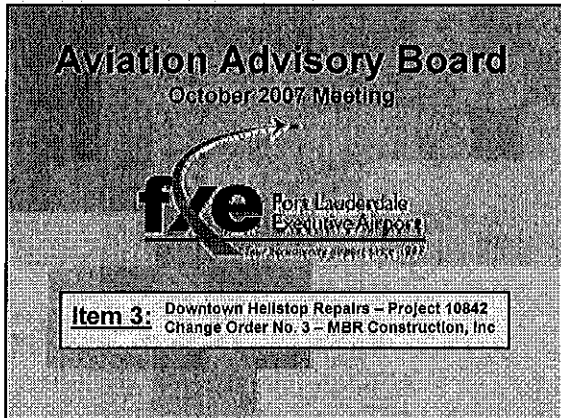
➤ Next scheduled meeting date: Thursday – December 13, 2007 – 1:30 PM

  
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Bunney Breneman, Chair

#### **PLEASE NOTE:**

If any persons decide to appeal any decision made with respect to any matter considered at this public meeting or hearing, he/she will need a record of the proceedings and, for such purpose, he/she may need to ensure that a verbatim record of the proceedings is made, which record includes the testimony and evidence upon which the appeal is to be based.

Downtown Hellstop Repairs - Project 10842 - Change Order No. 3 – MBR Construction, Inc.  
PRESENTATION



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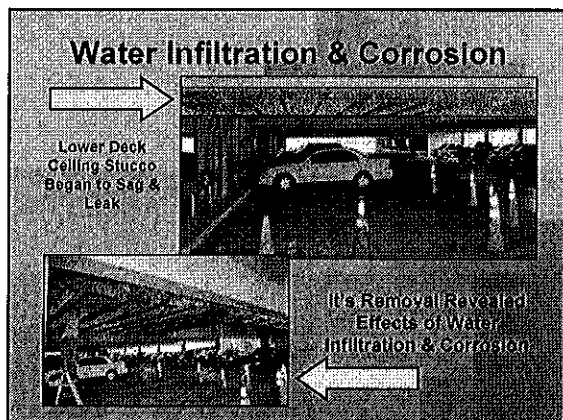
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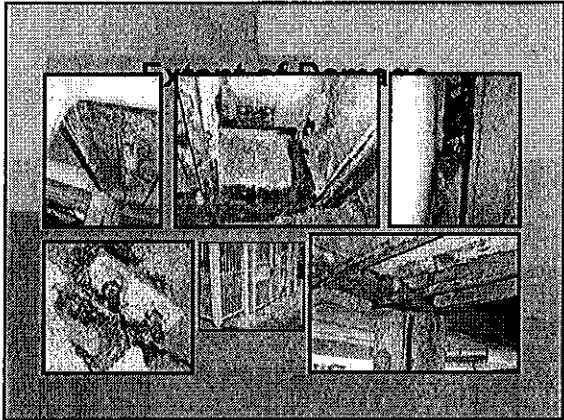
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Downtown Helistop Repairs - Project 10842 - Change Order No. 3 – MBR Construction, Inc.  
PRESENTATION



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**Repairs**

1. **Completed:** Caulking & waterproofing the plates and bolts on the seventh floor parking deck in order to eliminate the water infiltration.
2. **Current Change Order:** removal of damaged fireproofing material, sandblasting and painting of structural work, structural work to columns, beams, and bolts, installing new metal soffit framing and painting.

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**Recommendation for Approval**

What: Change Order No. 3  
Who: MBR Construction, Inc.  
How Much: \$17,125.80

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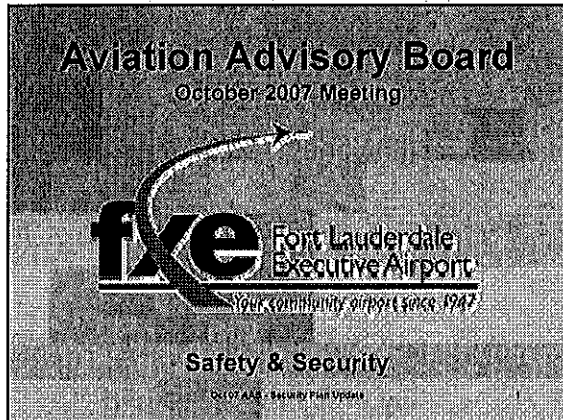
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Security Improvements Design - Project 10965 - Task Order No. 34 - Kimley-Horn and Associates, Inc.

PRESENTATION



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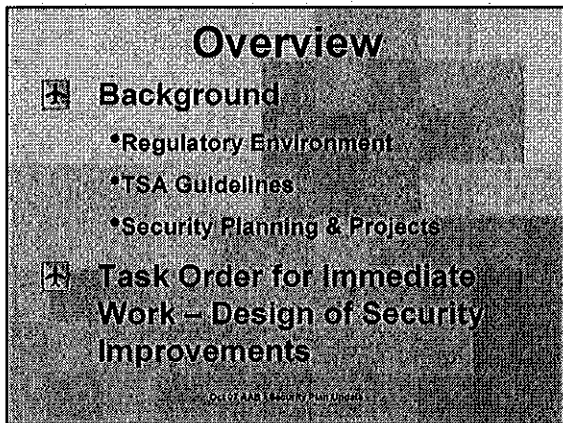
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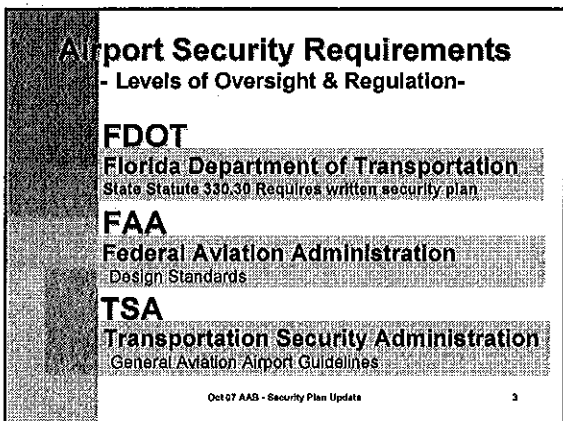
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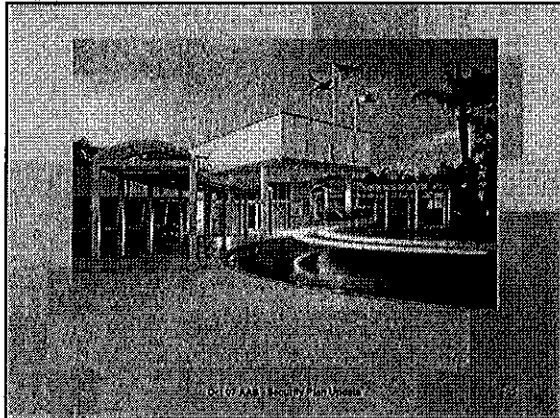
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Security Improvements Design - Project 10965 - Task Order No. 34 - Kimley-Horn and Associates, Inc.

PRESENTATION



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Security Improvements Design - Project 10965 - Task Order No. 34 - Kimley-Horn and Associates, Inc.

PRESENTATION

**Prioritizing Improvements**

Participants: Fort Lauderdale Police Department  
Other Law Enforcement Agencies  
Airport Tenants

Process: Distillation and Evaluation of All Alternatives  
to Selected Priority Improvements (Below)

<input type="checkbox"/> (FXE) Gate Operator Security Enhancements	<input type="checkbox"/> (FXE) Integrated Database System - Video, ID Badges
<input type="checkbox"/> (FXE) Manual Gate Alarms	<input type="checkbox"/> (DT1) Camera Surveillance System Upgrade (FXE)
<input type="checkbox"/> Gate Alarms Monitoring	<input type="checkbox"/> Surveillance Cameras & Monitoring Capacity

Oct 07 AAB - Security Plan Update 19

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**Immediate Work Plan**

- Task Order for Final Design and Specifications (Nov 07 AAB)
  - Design & Bid - 2008
  - Construction - 2008 - Q
- RFP for Interactive Security Training
- Continue Ongoing Monitoring & Evaluation

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**Closing**

**fxe** Fort Lauderdale  
Executive Airport  
Your community airport since 1947

- "Security" is a Layered, Joint-Jurisdictional, Collaborative Responsibility & Process
- Security Improvement is an Ongoing Planning & Operating Concern Involving Various Strategies
- FXE Meets & Exceeds All Applicable Requirements & Standards

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**Security Improvements Design - Project 10965 - Task Order No. 34 - Kimley-Horn and Associates, Inc.**

**PRESENTATION**

Security Planning and Projects			
Key Milestones			
Mar 2001	Access & Security Study	Apr 2004	Signage & Hangar Bay Gate
Dec 2001	Draft Security Plan	Aug 2004	Amend FAA Grant
Apr 2002	Security Improvements JPA	Dec 2004	Award Installation of Fiber Optic Network
Jan 2003	FAA Grant - Fence & Gates	Apr 2005	Airport Gates Spare Parts Contract
Mar 2003	Fence & Gate Project Award	Dec 2005	JPA Security Improvements
Sep 2003	Design Fiber Optic Network	Jun 2006	Security Study Update
Sep 2005	Redirect JPAs to Security Funds	Dec 2006	JPA Security Improvements

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Study Completed April 2007

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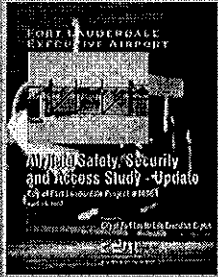
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### Security Plan Update

Endorsement AAB Item 4 - October 19, 2007 - Task Order No. 34

- 2001 Security Study (Base)
- Required Update
- Update Completed April 2007
- Review Process
- Follow up & Implementation



Oct 07 AAB - Security Plan Update

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### Update Highlights

#### Identified Alternatives and Options

- Airport Access Control
- Perimeter Hardening
- Intrusion Detection
- Personnel Identification
- Security Training
- Threat Communication

\$ 4 million +

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Security Improvements Design - Project 10965 - Task Order No. 34 - Kimley-Horn and Associates, Inc.

PRESENTATION

Level Four (>45 pts)

- Fencing (Section 3.3.3)
- Hangars (Section 3.3.1)
- Closed Circuit TV (Section 3.4.5)
- Intrusion Detection Systems (Section 3.4.6)

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Other Initiatives

Heightened Public Awareness

FBO-Tenant Operating Protocols & Procedures

ACPA

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FXE Security Approach

- ✈ People
  - Airport Staff & Security Contractor
  - Tenants & Users
  - Law Enforcement Agencies
- ✈ Programs
  - Training
  - Ramp Permits
  - AOA Badges
- ✈ Physical Improvements
  - Fences
  - Gates
  - Signage

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Security Improvements Design - Project 10965 - Task Order No. 34 - Kimley-Horn and Associates, Inc.

PRESENTATION

**Level One (0-14pts)**

- Signs (Section 3.3.5)
- Documented Security Procedures (Section 3.5.1)
- Positive Passenger/Baggage ID (Section 3.1.1)
- All Aircraft Secured (Section 3.2)
- Community Watch Program (Section 3.4.1)
- Contact List (Section 3.5.3)

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**Level Two (15-24pts)**

- Law Enforcement Support (Section 3.4.4)
- Security Committee (Section 3.4.3)
- Transient Pilot Sign In/Out Procedures (Section 3.1.4)

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**Level Three (25-44pts)**

- Access Controls (Section 3.3.3)
- Lighting Systems (Section 3.3.4)
- Personal ID System (Section 3.3.5)
- Vehicle ID System Systems (Section 3.3.6)
- Challenge Procedures (Section 3.4.1)

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# TSA General Aviation Guidelines

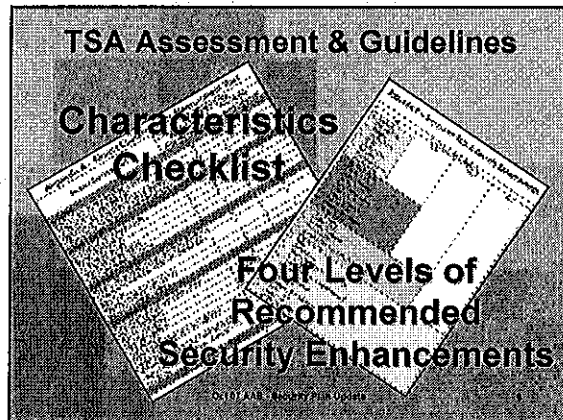
(Security Guidelines for General Aviation Airports A-001 May 2004)

## Functional Areas – Methods & Strategies

- Personnel
  - ✱ People
  - ✱ Programs
  - ✱ Facilities
- Aircraft
- Airport - Facilities
- Surveillance
- Security Plans and Communication
- Specialty Operations

6-107 AAB - SECURITY PLAN UPDATE

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Security Improvements Design - Project 10965 - Task Order No. 34 - Kimley-Horn and Associates, Inc.

PRESENTATION

**FDOT - Florida Statute 330.30**

**Security Plan Required for License**  
All publicly or privately owned general aviation airport, open to the public, any runway greater than 4,999 feet in length, does not host scheduled passenger-carrying commercial service operations regulated under 14 C.F.R. part 139.

**Security Plan Consistent with Florida Airports Council Guidelines**

**Security Plan Updated Every 2 years**

Oct 07 AAB - Security Plan Update 4

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**FAA Design Standards**

**Design Standards Dealing with Perimeter and Access Security (Fencing, Gates, etc)**

**Security Authority Transitioned to the TSA**

Oct 07 AAB - Security Plan Update 5

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**TSA General Aviation Regulations**

**TSA Inspection Authority**

**Twelve-Five Rule**  
(Aircraft Operators Security, Passenger/Baggage Screening, Aircraft Inspections, etc.)

**Flight Schools**  
- Flight Training for Aliens  
- Flight School Security Awareness Training

**Private Charter rule** (Large Aircraft Only)

Oct 07 AAB - Security Plan Update 6

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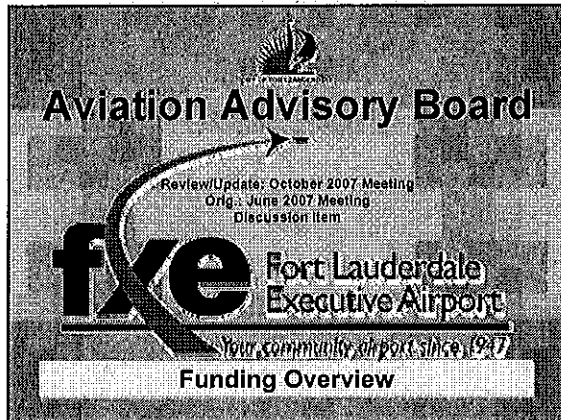
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**Airport Funding  
PRESENTATION**



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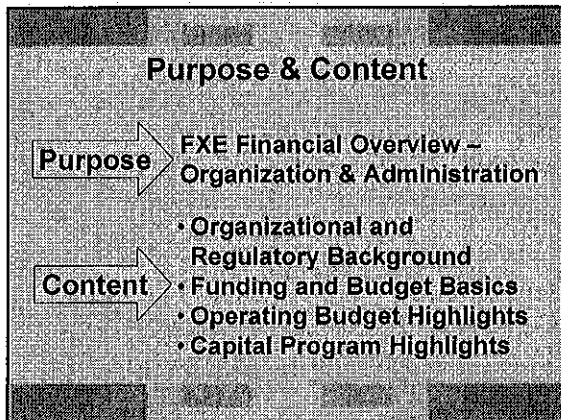
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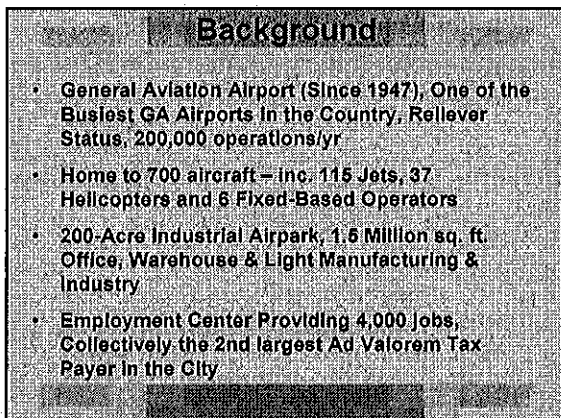
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## Airport Funding PRESENTATION

### Downtown Heli-stop -- DT1



- Constructed as an FDOT City of Fort Lauderdale partnership for \$3.6 million to meet the corporate community's growing transportation needs.
- Only Public Use Heli-stop in Florida located in a CBD.
- Opened in June 2003; operates 24/7, no user fees.
- Approximately 1000 operations per 12 month period.
- Designed to accommodate intermediate category general aviation helicopters with a maximum takeoff wt of 11,600 lbs., 6.48 ft. rotor diameter used by corporate and charter operators.
- Features a landing area and one helicopter parking position on a 14,000 sq. ft. platform elevated 11 ft. above ground.
- Has a fully furnished lobby located just below the elevated platform on the 11th floor of the garage providing a comfortable area to talk or conduct short business meetings. It also serves as a meeting room/pilot briefing area.
- There is plentiful parking and access to ground transportation.
- The platform is wheelchair accessible by elevator from the lobby level.

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### Executive Airport - FXE



- 4 asphalt runways, Runway 00/18 (6,001 ft) and Runway (30) (4,000 feet), both in good condition.
- 6 full length parallel taxiways and numerous connector taxiways.
- On site US Customs facility that clears over 11,000 aircraft and 15,000 passengers per year.
- Over 350 hangars, (over 1.1 million sq. ft.) and 360,000+ sq. yds. of ramp space.
- On site 24hr. ARFF facility and Police sub-station.
- Primarily a corporate aviation and charter flight center, with limited amount of flight training (6 fixed-wing and 1 helicopter), air ambulance services, related aircraft sales, repair and maintenance services and non-aviation businesses.
- There are 708 aircraft (118 jets and 57 helicopters).
- 280-acre industrial park with over 1.8 million square feet of office/warehouse space on their property.
- 6 full-service FBOs that provide fueling, maintenance, and other services.
- 11th busiest general aviation airport in the country, 202,264 annual operations (takeoffs and landings).

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### Organizational Context

**Vision**  
 To serve the general aviation needs of the citizens of Fort Lauderdale by creating the finest General Aviation Airport, Industrial Airpark, Heli-stop and Foreign-Trade Zone facilities in the nation.

**Mission**  
 To be an asset to the City by attracting businesses to this area, helping those businesses prosper, and benefiting the community. In operating an efficient, safe and secure facility, Executive Airport will be a leader and partner in the development of the Uptown Business District and the surrounding community. (Economic Development)

**Core Values**

Accountability	Be fiscally responsible	Integrity
Creativity	Be a good neighbor	Professionalism
Service Excellence	Optimize safety and security	Appreciation of Others
	Increase economic development	Excellence in all that we do
	Grow responsibly	

Department      Division      Workplace

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## Airport Funding PRESENTATION




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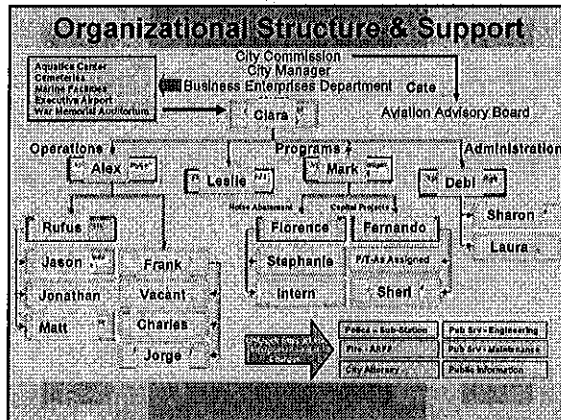
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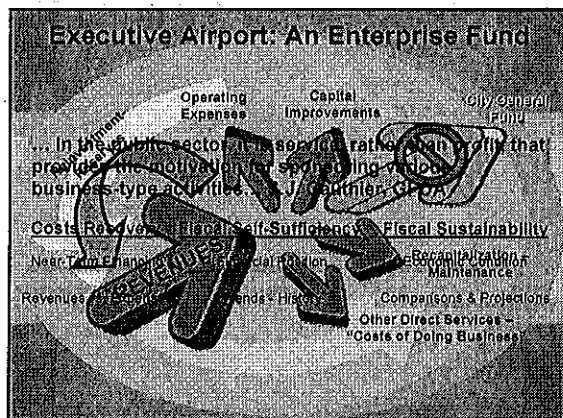
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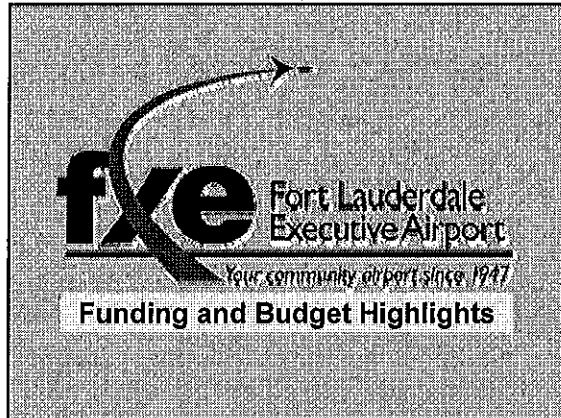
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Airport Funding  
 PRESENTATION




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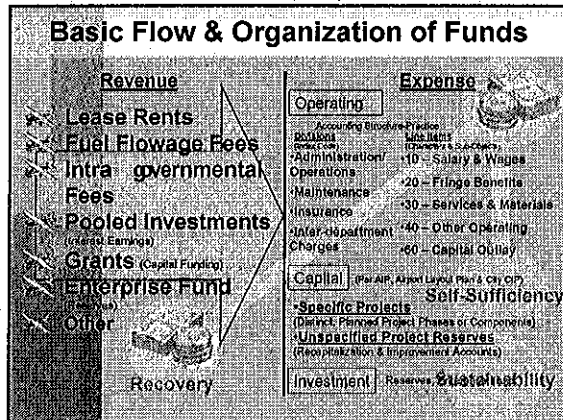
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**Revenue Detail**  
 FY 05-06 Actual

Description	Budget
LEASES Aviation and Land	\$ 4,355,183
FUEL FLOW FEE FBOs	\$ 1,038,657
INTEREST	\$ 827,289
OTHER	\$ 562,677
<b>OPERATING REVENUE TOTAL</b>	<b>\$ 6,781,786</b>
<b>NOTE:</b>	
<b>FY 05-06 GRANT REVENUES</b>	<b>\$ 3,405,625</b>
(Actual Reimbursements)	
	<b>\$ 10,187,411</b>

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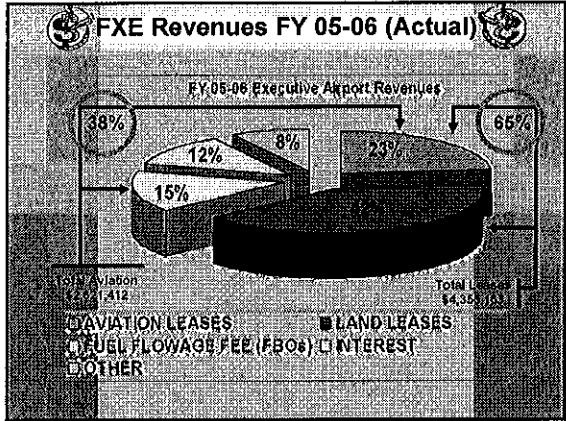
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Airport Funding  
PRESENTATION



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**Expenditure Detail**  
FY 05-06 Actual

Description	Budget
SALARIES & WAGES	\$ 544,232
FRINGES & BENEFITS	\$ 225,549
SERVICES & MATERIALS	\$ 1,052,225
OTHER OPERATING	\$ 2,535,279
NON-OPERATING	\$ 74,073
CAPITAL OUTLAY	\$ 83,335
OPERATING EXPENDITURE TOTAL	\$ 4,494,693
NOTE CAPITAL IMPROVEMENT PROGRAM (Actual Contribution)	\$ 382,807
	\$ 4,877,500

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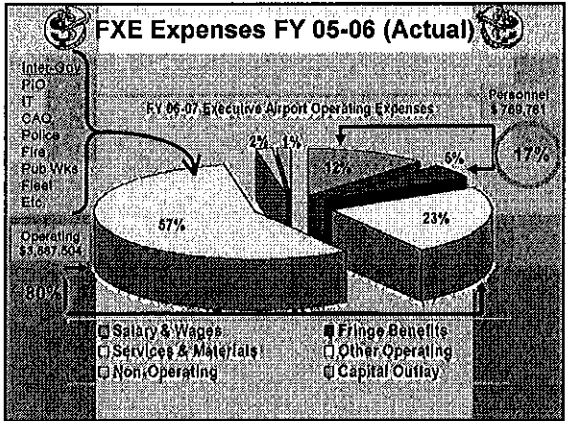
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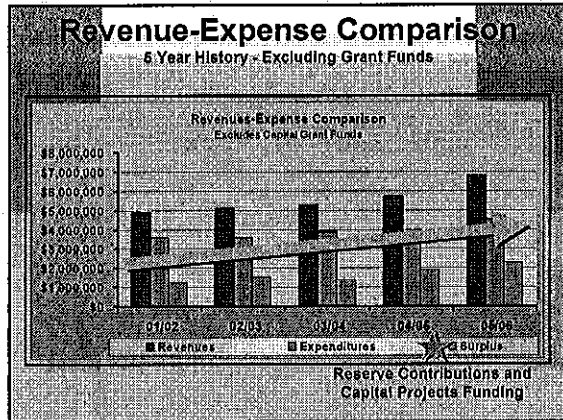
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Airport Funding  
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**Current FY 07-08 Summary**

Revenue Description	Budget	
LEASES	\$4,614,169	66%
FUEL FLOW FEE	\$ 613,000	6%
INTEREST	\$ 720,000	11%
OTHER	\$ 571,785	8%
<b>OPERATING REVENUE TOTAL</b>	<b>\$ 6,518,954</b>	<b>100%</b>
07-08 Grant Revenues:	\$ 1,000,000	CIP
<b>TOTAL</b>	<b>\$ 7,518,954</b>	

Expenditures Description	Budget	
SALARIES & WAGES	\$ 618,073	14%
FRINGES & BENEFITS	\$ 338,129	8%
SERVICES & MATERIALS	\$ 1,687,292	31%
OTHER OPERATING	\$ 2,354,017	46%
NON-OPERATING	\$ 1,111,111	16%
CAPITAL OUTLAY	\$ 60,000	1%
<b>OPERATING EXPENDITURE TOTAL</b>	<b>\$ 5,168,622</b>	<b>100%</b>
Capital Program (Projects) Allocation	\$ 2,350,336	CIP
<b>TOTAL</b>	<b>\$ 7,518,958</b>	

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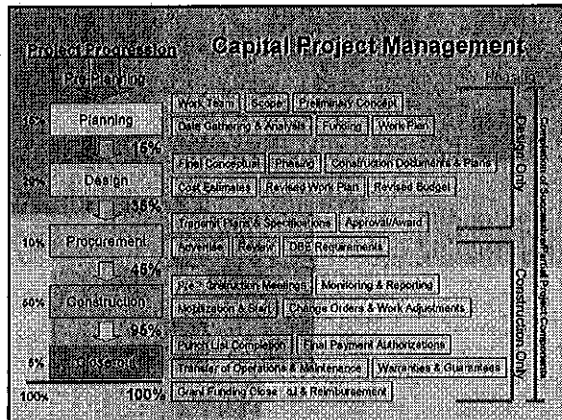
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## Airport Funding PRESENTATION




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### Capital Funding Resources

- New Facilities/Equipment
- Repair/Renovation of Existing Infrastructure & Improvements
- Recapitalization: Major/Recurring Maintenance & Scheduled Replacement
- Planning Activities and Studies

- FXE Capital Funds – Approx. \$1.5 Mill/Year**  
(Revenue/Operating Funds Set aside for Capital Projects)
- State FDOT – 50% of Non-Fed\$ or 80% of Costs**  
(Requested/Applied for on a Project - by Request)
- Federal FAA – 95% on Eligible Projects**  
(Includes Airport, Enbridge and Discretionary Grants)
- Other** (Partnerships/Grants that are not in Competition with Other City Functions)

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### Florida FDOT Funding Composition and Sources

**Transportation Revenue Sources (Fiscal Year 2006)**

SOURCE	AMOUNT (\$Million)	PERCENT
State Gas Tax	11,751	25%
State Sales Tax	11,617	24%
Local Match Grants	2,734	11%
Motor Vehicle Tax	2,718	9%
Federal Revenue	2,644	9%
General Fund	2,575	8%
Discretionary Money	2,410	8%
Local Registration Fee	1,357	7%
Rental Car Tax	1,112	5%
Admission Fees	537	1%
<b>Total</b>	<b>46,845</b>	<b>100%</b>

**State Transportation Trust Fund**

For the Department of Transportation

**Welcome to Florida Aviation**

Florida's aviation system is a vital part of the state's economy and infrastructure. The Department of Transportation is committed to ensuring the safety and efficiency of our airports and air traffic control system.

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# Airport Funding PRESENTATION



**Federal Aviation Administration**

## FAA Funding

- **\$150,000/Year FAA Entitlement**
  - Funds must be "Spent First" before Discretionary \$
  - Can "Rollover" for up to 3 years
- **Discretionary Grant Funding**
  - By Request/Application
  - FAA "Reliever" Status Priority Rating on Applications for Critical Infrastructure

The Airport Improvement Program (AIP) provides grants to public agencies -- and, in some cases, to private owners and entities -- for the planning and development of public-use airports that are included in the National Plan of Integrated Airport Systems (NPIAS). For large and medium primary hub airports, the grant covers 75 percent of eligible costs for 40 percent for noise program implementation. For small primary, reliever, and general aviation airports, the grant covers 85 percent of eligible costs.

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## FAA Funding Eligibility Criteria

Eligible Projects	Ineligible Projects
<ul style="list-style-type: none"> <li>Runway construction/rehabilitation</li> <li>Taxiway construction/rehabilitation</li> <li>Apron construction/rehabilitation</li> <li>Airfield lighting</li> <li>Airfield signage</li> <li>Airfield drainage</li> <li>Land acquisition</li> <li>Weather observation stations (AWOS)</li> <li>NAVAids such as REILs and PAPIs</li> <li>Planning studies</li> <li>Environmental studies</li> <li>Safety area improvements</li> <li>Airport layout plans (ALPs)</li> <li>Access roads only located on airport property</li> <li>Removing, lowering, moving, marking, and lighting hazards</li> </ul>	<ul style="list-style-type: none"> <li>Maintenance equipment and vehicles</li> <li>Office and office equipment</li> <li>Fuel farms</li> <li>Landscaping</li> <li>Airports</li> <li>Airport hangars</li> <li>Industrial park development</li> <li>Marketing plans</li> <li>Training</li> <li>Improvements for commercial enterprises</li> <li>General aviation terminal buildings</li> <li>Automobile parking lots</li> <li>Maintenance or repairs of buildings</li> </ul>

**Other Considerations for AIP Funding:**

- Project sponsorship requirements have been met
- Project is reasonably consistent with plans of existing agencies for the area in which the project is located
- Sufficient funds are available for the portion of the project not paid for by the Federal Government
- Project will be completed without undue delay
- Airport location is included in the current version of the NPIAS
- Project involves more than \$25,000 in AIP funds
- Project is depicted on a current airport layout plan approved by the FAA

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**Florida Department of Transportation**

## FDOT Funding

- **50% of Match on Joint Projects with the FAA**  
 (Half of Amount Not Covered by FAA - 2.5%)
- **80% of non-FAA projects, FFE Pays 20%**  
 (In the Past Projects Had Been Funded on a 50/50 Match Basis)
- **100% on Security Projects**
- **All Allocations Require Advance Review, are Approved on a Project-by-Project Basis, and are Subject to Funding Availability**

JACIP, Joint Airport Capital Improvement Plan, is a computer program for the coordinated coordination of aviation funding among airports, the FAA and the State of Florida. The database system for developing airport Capital Improvement Programs, allowing online FAA reviews, prioritization and funding, state reviews and incorporation into the state work program. Promotes cross-jurisdictional coordination to assure maximum funding utilization.

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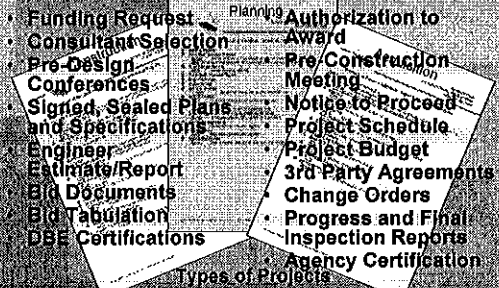
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### Greater Hand-On Involvement Throughout Project Lifecycle



**Funding Sources for the City of Raleigh**

Funding Source	Amount	Funding Status
FAA Discretionary	\$180,000	2.5% of Total
FAA Discretionary (Balance)	\$180,000	2.5% of Total
FDOT Grants	\$2,000,000	20% of Total
FDOT Security Grants	\$0	0% of Total
City-FXE CIP Funds	\$5,000,000	100% of Total
<b>Total Funding</b>	<b>\$7,200,000</b>	

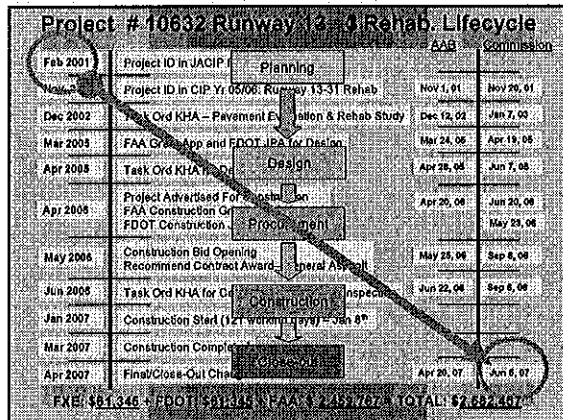
Examples: FAA Discretionary, FDOT Grants, FDOT Security Grants, City-FXE CIP Funds

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(Reference January 07 AAB Meeting Update Item 1-Exhibit 1)

## Airport Funding PRESENTATION

Projects Roster			
PROJ#	Project Description-Name	PROJ#	Project Description-Name
10363	ARFF/EOG	10963	Construct Eastern Perimeter Road
10424	Pavement Markings- Done	10965	Security Improvements
10484	LAPC Maintenance Plan- Done	11120	Pavement Management Program
10632	Runway 13-31 Pavement Rehabilitation- Done	11135	Perimeter Road Resurfacing
10770	Noise Improvement Program	11136	Airport Master Plan Update
10802	T/W Alpha Relocation	11148	Airport Facilities Improvement
10804	Install Blast Fence	11181	Maintenance Building
10825	Landside Signage	11242	Customs Building/Apron
10842	Helistop Evaluation and Design	11284	Review of Noise Compatibility
10883	3DAAP Update Services		
			16 Projects



### Summary – Closing

- FXE is a Public Enterprise Fund**
  - Serving the Flying Public and Furthering City's Economic Development Interests
  - Service is Job #1, Cost Recovery, Self-Sufficiency & Sustainability
  - Focus on Capital Improvements Program & Property Management
- Dense Organizational and Business Environment:**
  - Rich in Regulations, Structure, Process and Scrutiny
  - Requires Ongoing Multi-Disciplinary, Cross Jurisdictional Regulation & Coordination
  - Operations Are Subject to Market Forces: Aviation, Real Estate, etc.
- Important Notes:**
  - Repaid All General Fund Debt & Interest (Gear-up & Acquisition Costs from 1940-1980) By the Mid-1990's
  - Operated in the Black Financially Self-Sufficient Since the Early 1980's
  - Maintaining Recapitalization Program and Fund Reserves

Airport Funding  
PRESENTATION



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